

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078276.D
 Acq On : 30 Jan 2024 13:09
 Operator : RP/MD
 Sample : BLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLK

Quant Time: Jan 31 00:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

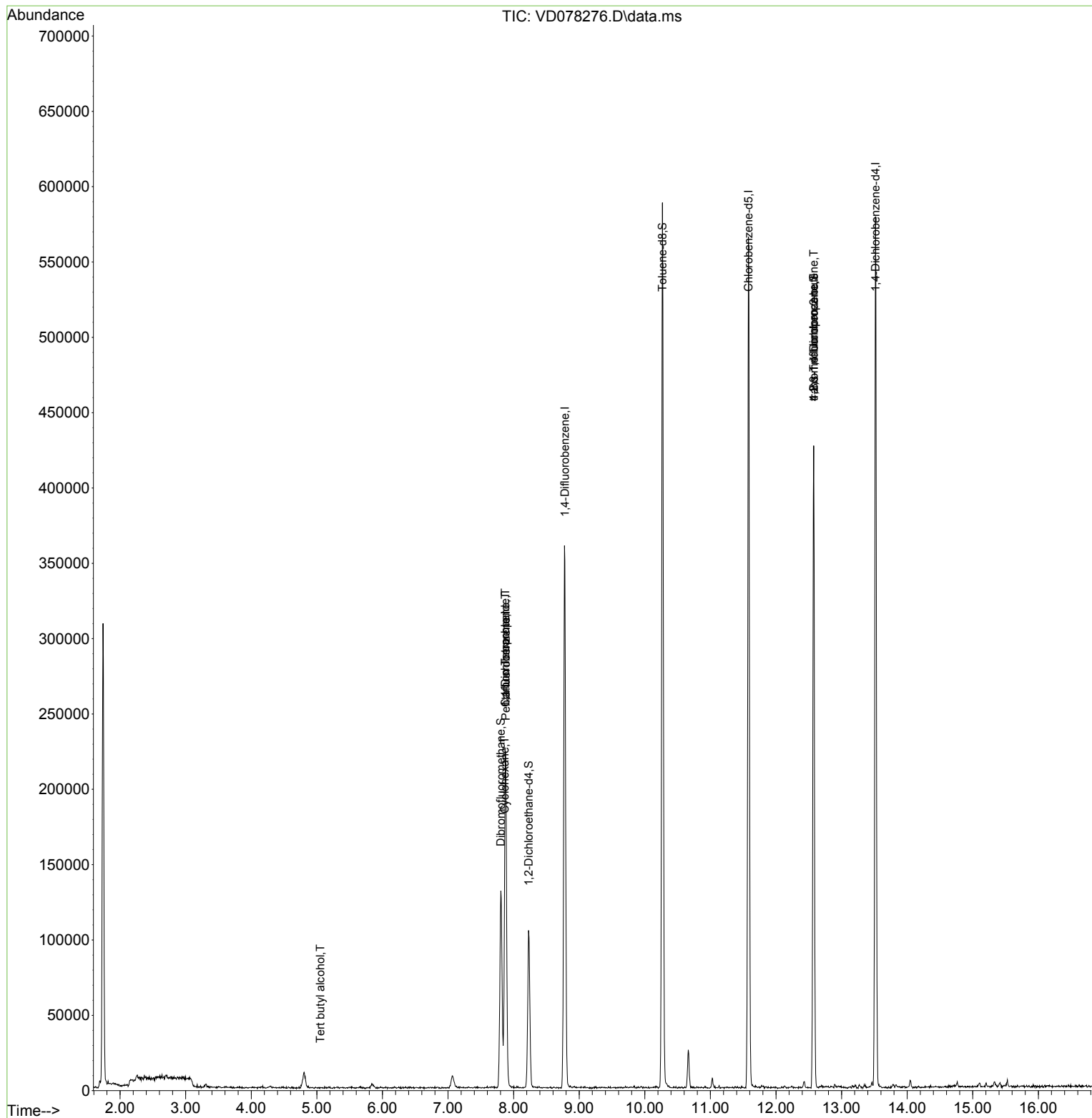
Internal Standards						
1) Pentafluorobenzene	7.881	168	164305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	317827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	322548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79186	38.931	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.860%		
35) Dibromofluoromethane	7.805	113	95141	42.048	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.100%		
50) Toluene-d8	10.269	98	397612	46.414	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.820%		
62) 4-Bromofluorobenzene	12.575	95	131983	51.446	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.900%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.052	59	163	1.256	ug/l #	73
13) Acrolein	3.799	56	160	Below Cal	#	57
16) Acetone	4.022	43	573	Below Cal	#	32
31) Cyclohexane	7.863	56	4288	1.126	ug/l #	61
36) 1,1-Dichloropropene	7.875	75	14705	3.919	ug/l #	47
38) Carbon Tetrachloride	7.875	117	17675	4.791	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	71318	46.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	71318	91.720	ug/l #	17

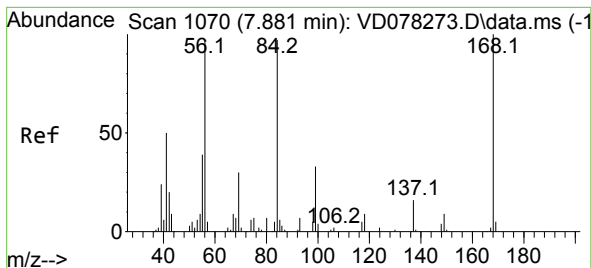
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
Data File : VD078276.D
Acq On : 30 Jan 2024 13:09
Operator : RP/MD
Sample : BLK
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BLK

Quant Time: Jan 31 00:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

Instrument :

MSVOA_D

ClientSampleId :

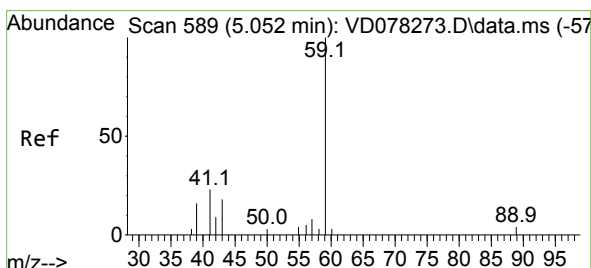
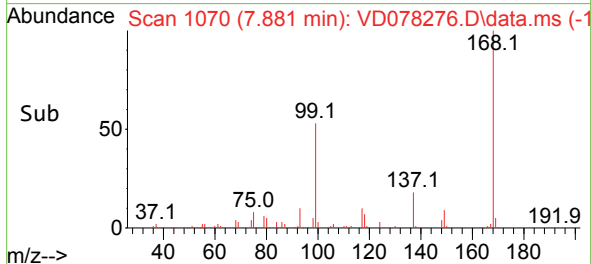
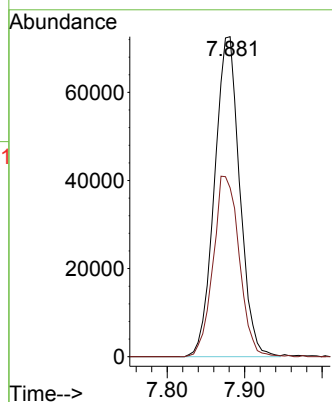
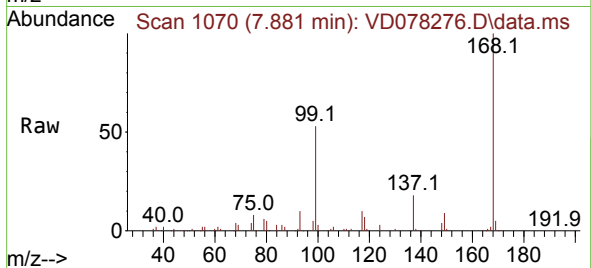
BLK

Tgt Ion:168 Resp: 164305

Ion Ratio Lower Upper

168 100

99 52.7 36.7 55.1



#11

Tert butyl alcohol

Concen: 1.256 ug/l

RT: 5.052 min Scan# 589

Delta R.T. 0.000 min

Lab File: VD078276.D

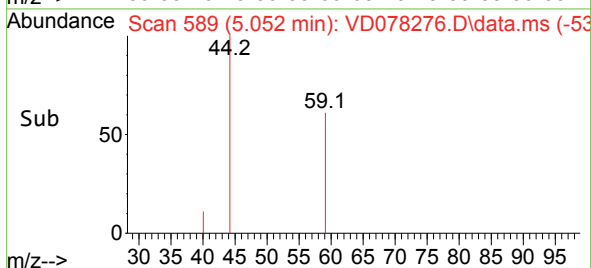
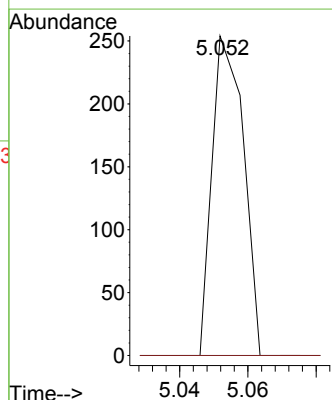
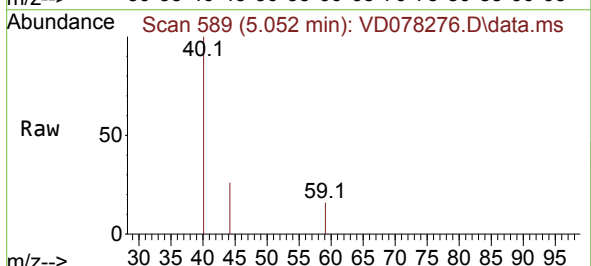
Acq: 30 Jan 2024 13:09

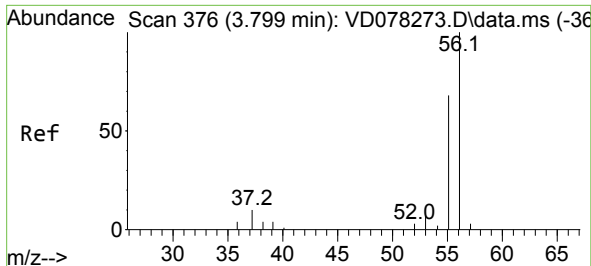
Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#13

Acrolein

Concen: Below Cal

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

Instrument :

MSVOA_D

ClientSampleId :

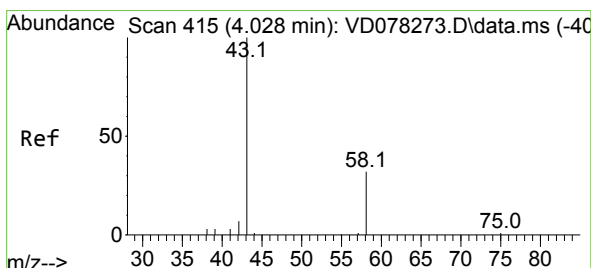
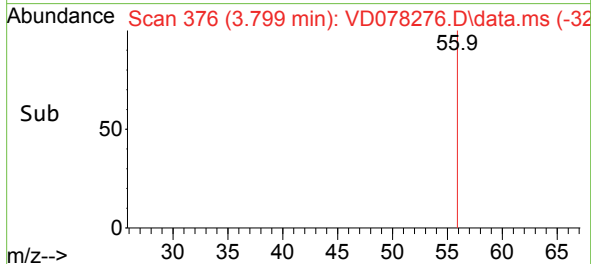
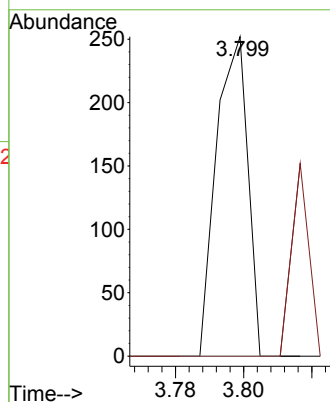
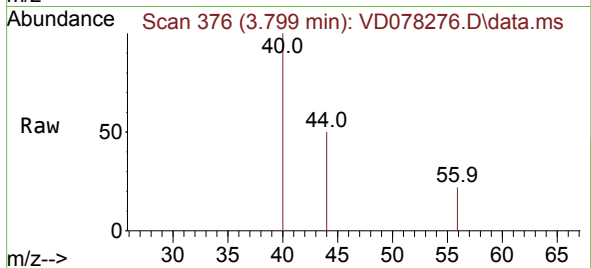
BLK

Tgt Ion: 56 Resp: 160

Ion Ratio Lower Upper

56 100

55 33.8 55.1 82.7#



#16

Acetone

Concen: Below Cal

RT: 4.022 min Scan# 414

Delta R.T. -0.006 min

Lab File: VD078276.D

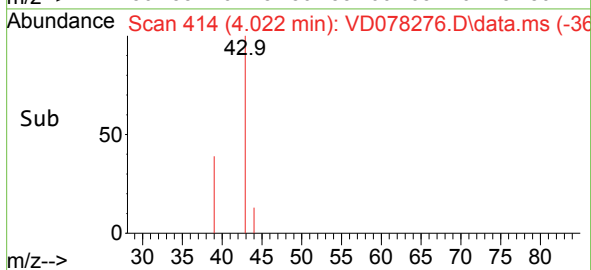
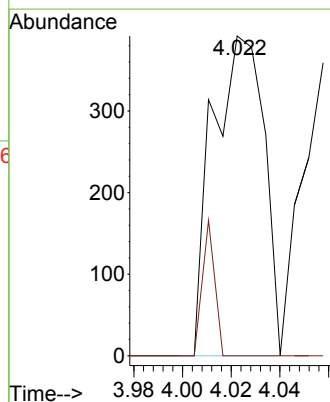
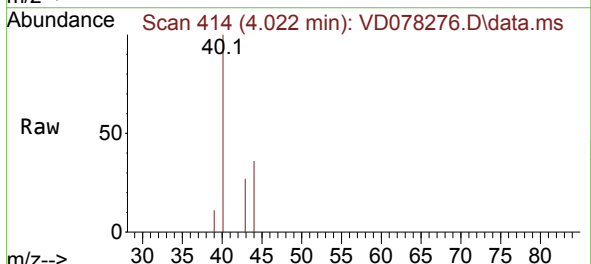
Acq: 30 Jan 2024 13:09

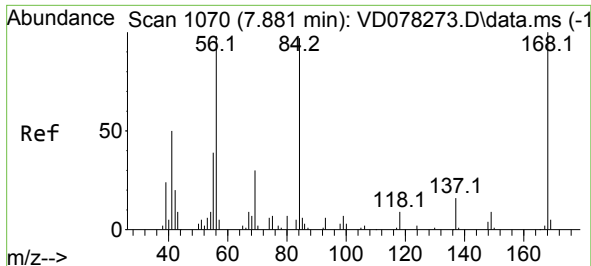
Tgt Ion: 43 Resp: 573

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

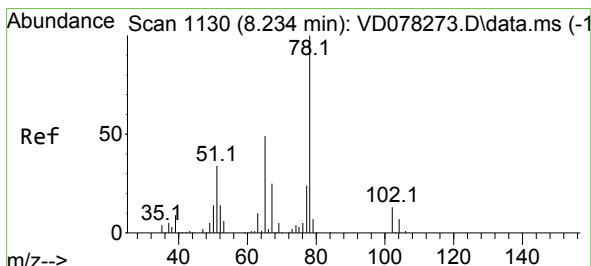
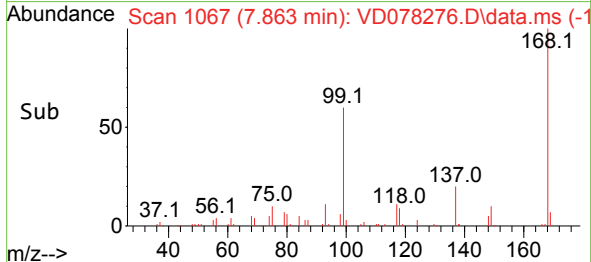
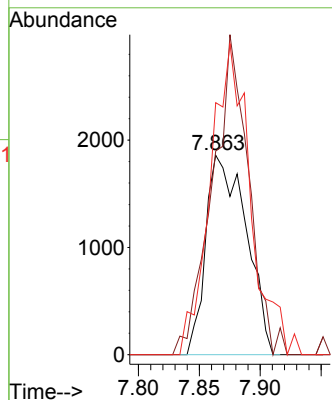
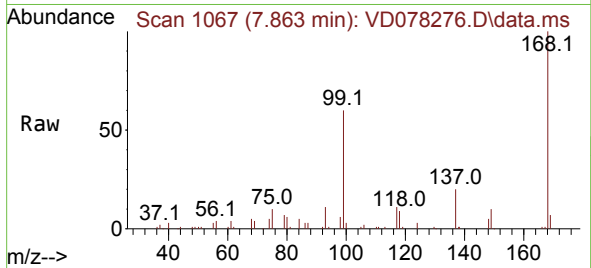




#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.017 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

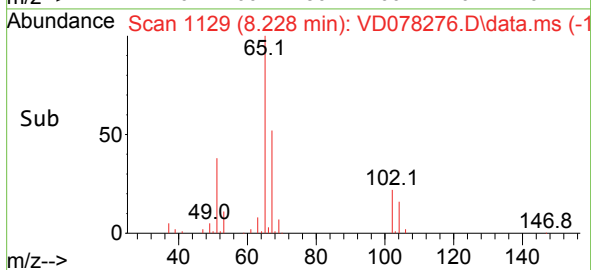
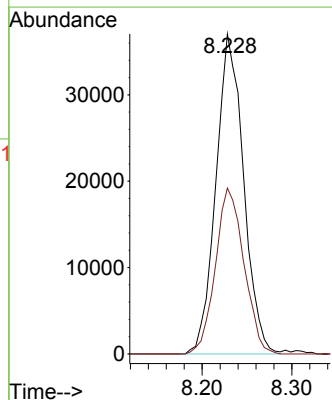
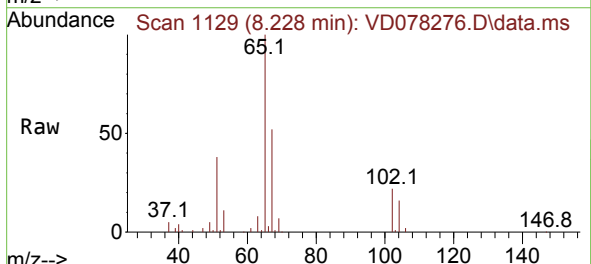
Instrument :
MSVOA_D
ClientSampleId :
BLK

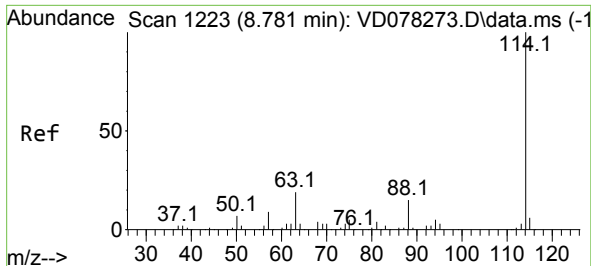
Tgt Ion: 56 Resp: 4288
Ion Ratio Lower Upper
56 100
69 92.8 28.6 43.0#
84 126.4 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 38.931 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Tgt Ion: 65 Resp: 79186
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

Instrument :

MSVOA_D

ClientSampleId :

BLK

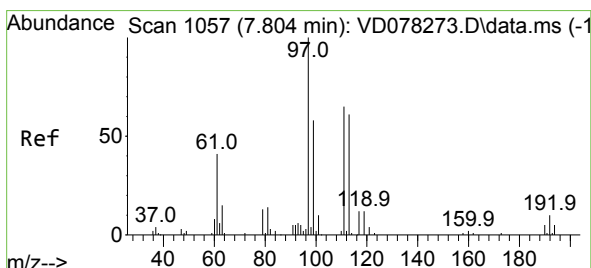
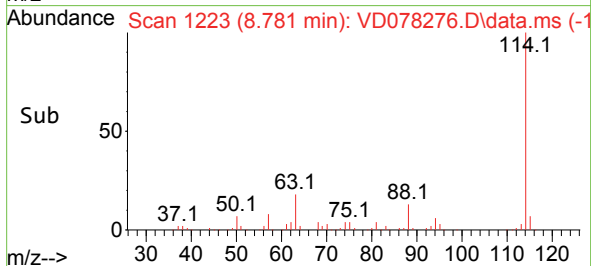
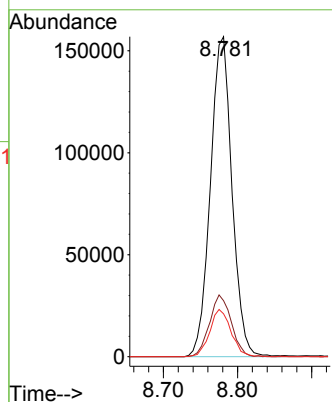
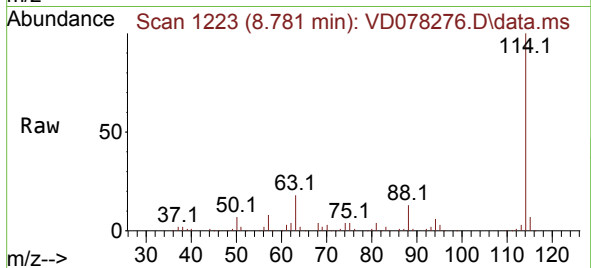
Tgt Ion:114 Resp: 317827

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.048 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

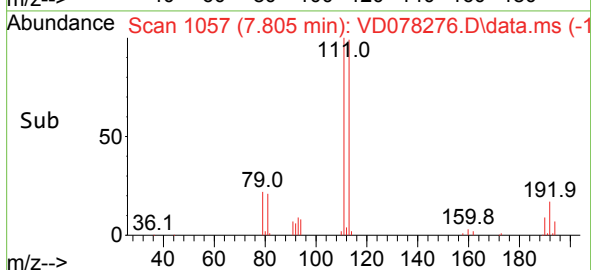
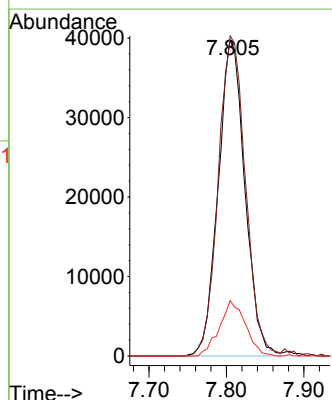
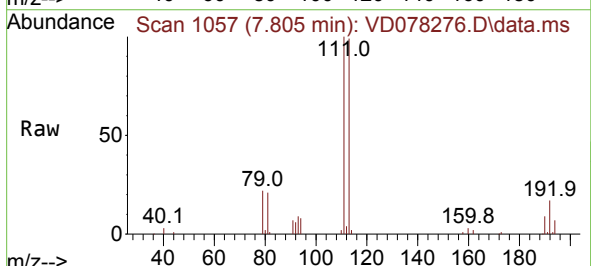
Tgt Ion:113 Resp: 95141

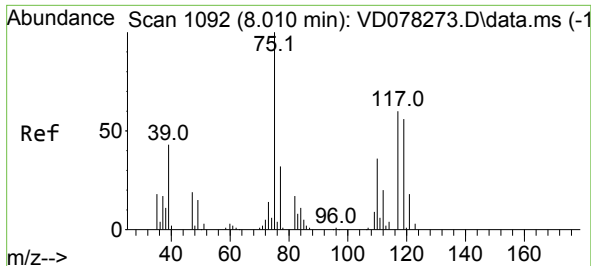
Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 17.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.919 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

Instrument :

MSVOA_D

ClientSampleId :

BLK

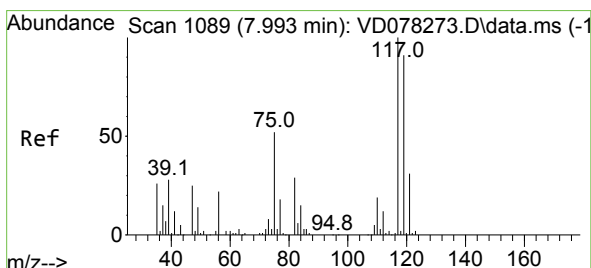
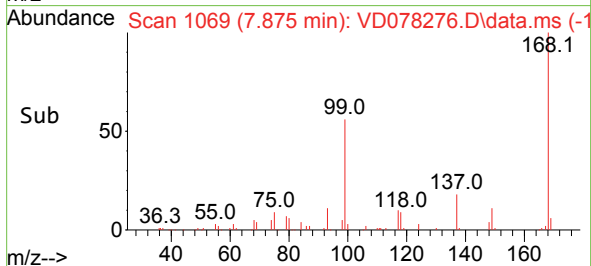
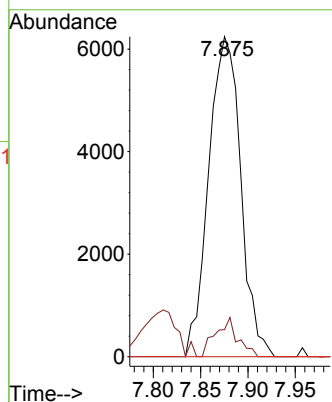
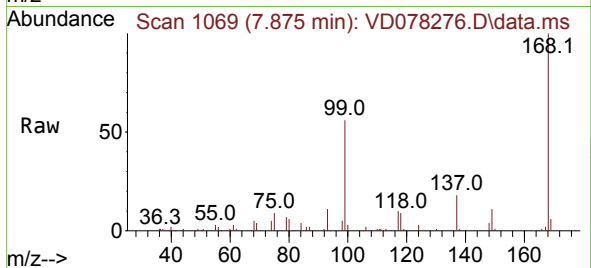
Tgt Ion: 75 Resp: 14705

Ion Ratio Lower Upper

75 100

110 8.4 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.791 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

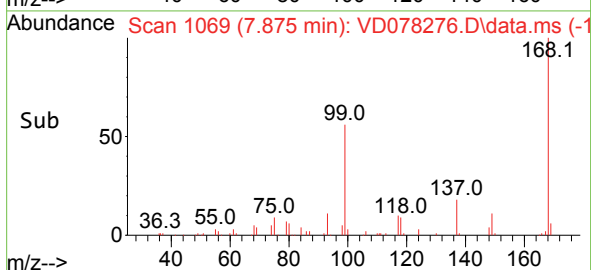
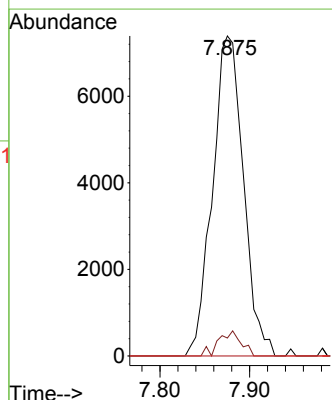
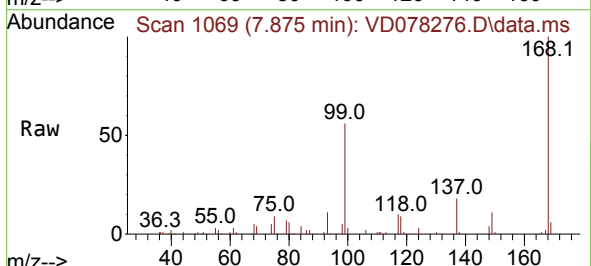
Tgt Ion: 117 Resp: 17675

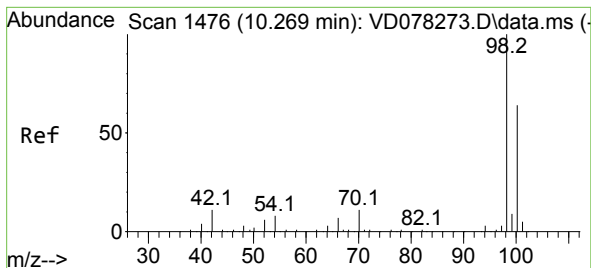
Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

121 0.0 24.2 36.2#

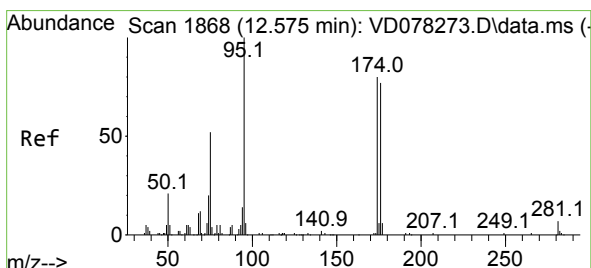
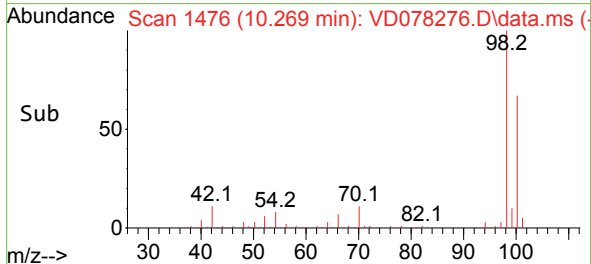
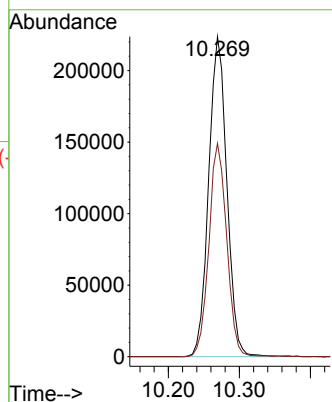
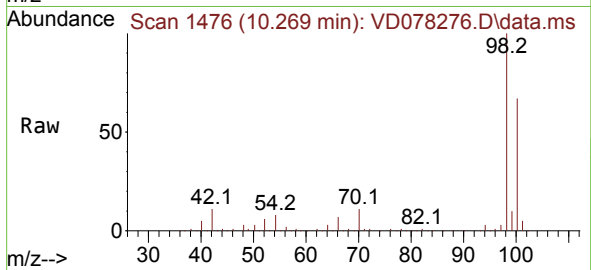




#50
Toluene-d8
Concen: 46.414 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

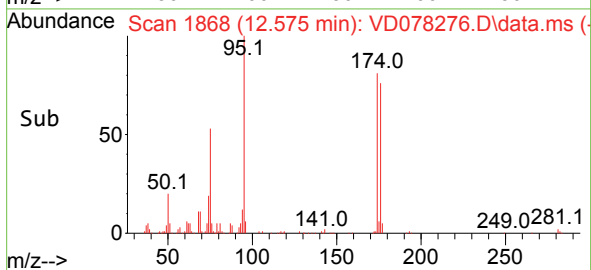
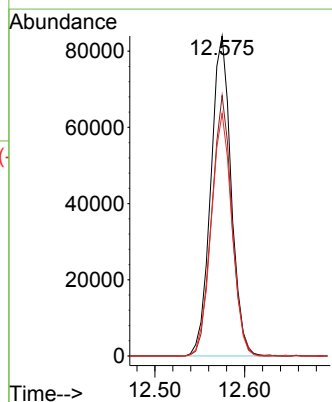
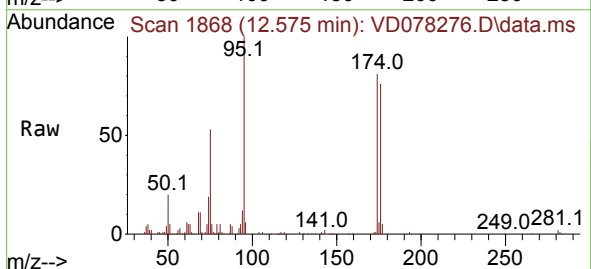
Instrument :
MSVOA_D
ClientSampleId :
BLK

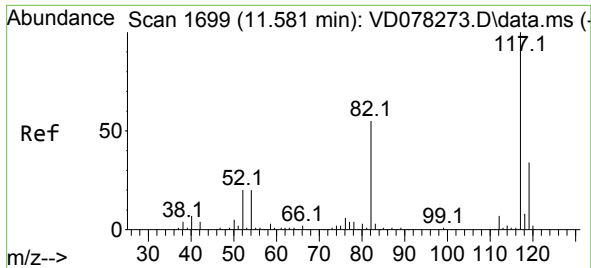
Tgt Ion: 98 Resp: 397612
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.446 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Tgt Ion: 95 Resp: 131983
Ion Ratio Lower Upper
95 100
174 80.6 0.0 201.8
176 76.9 0.0 191.8

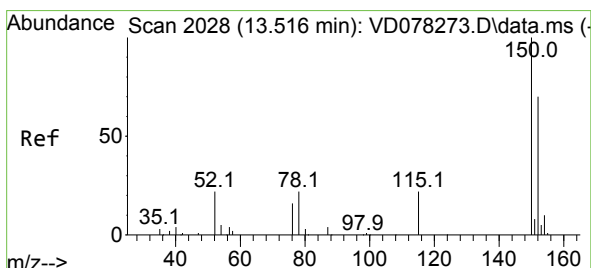
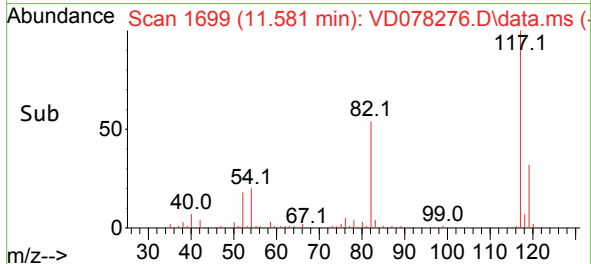
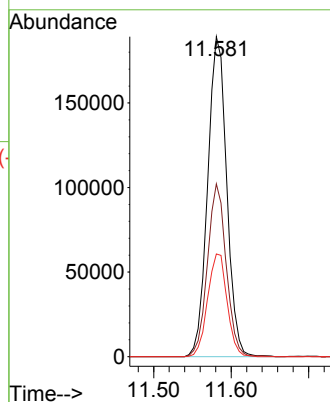
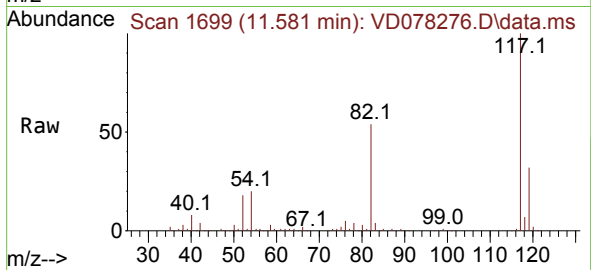




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

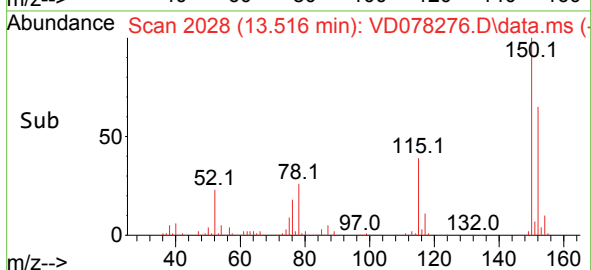
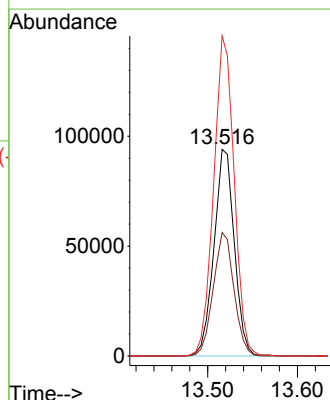
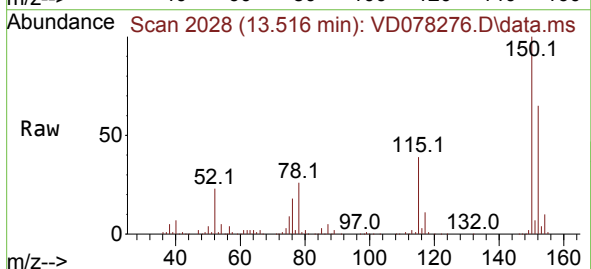
Instrument :
MSVOA_D
ClientSampleId :
BLK

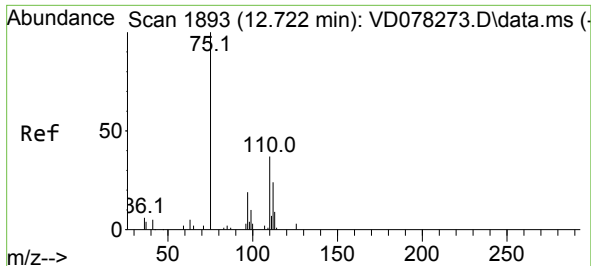
Tgt Ion:117 Resp: 322548
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Tgt Ion:152 Resp: 147956
Ion Ratio Lower Upper
152 100
115 60.8 27.1 81.3
150 156.1 0.0 353.6

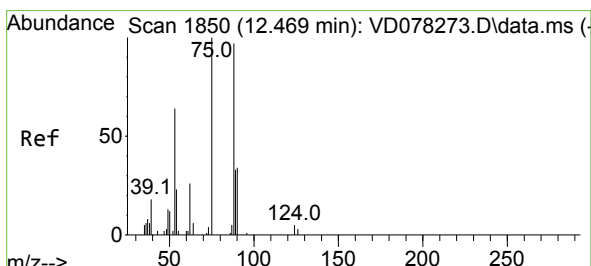
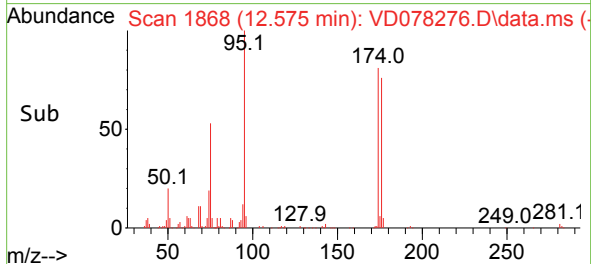
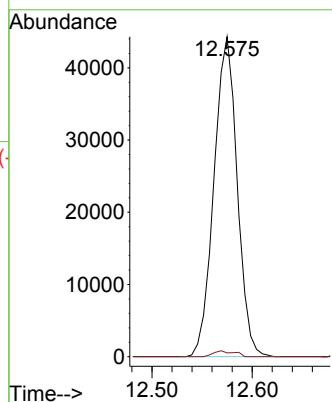
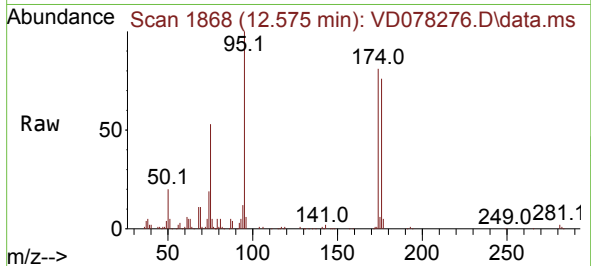




#76
1,2,3-Trichloropropane
Concen: 46.118 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Instrument :
MSVOA_D
ClientSampleId :
BLK

Tgt Ion: 75 Resp: 71318
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.720 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Tgt Ion: 75 Resp: 71318
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.3 37.9 56.9#

